



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kimikazu FURUKAWA et al.

Application No.: 09/046,677

Filed: March 24, 1998

PA Filing Date (if applicable):

For: COMMUNICATION SUPPORT SYSTEM FOR  
PROVIDING SECURITY OF TELEPHONE  
SERVICES OF A DATA PROCESSING  
DEVICE FOR A TELEPHONE USER

Group Art Unit: 2742

Examiner:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations. (If box not checked, see Item 6, below)
- 1c. ☐ An English language copy of a Search Report or an Official Action from a counterpart foreign application or the PCT International Search Report.
- 1d. ☒ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).

2. ☒ This Information Disclosure Statement is filed under 37 CFR § 1.97(b) before:

(Check either Item 2a or 2b)

- 2a. ☒ the latter of three (3) months after the U.S. patent application filing date or the first Office Action on the merits therein; or
- 2b. ☐ the latter of three (3) months after the continued prosecution application (CPA) filing date or the first Office Action on the merits therein.

Accordingly, no fee or § 1.97(e) Statement is required.

3. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the first Office Action on the merits, but before a Final Office Action or a Notice of Allowance.

*(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)*

- 3a. ☐ The § 1.97(e) Statement in Item 5 below is applicable. Accordingly, no fee is required.
- 3b. ☐ The \$240.00 fee set forth in 37 CFR § 1.17(p) in accordance with 37 CFR § 1.97(c) is:
- ☐ enclosed.
- ☐ to be charged to Deposit Account No. 19-3935.

4. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(d) after the Final Office Action or the Notice of Allowance, but before payment of the Issue Fee.

The § 1.97(e) Statement (Item 5 below) is applicable.

A Petition to the Commissioner is hereby made under 37 CFR § 1.97(d) to request consideration of this Information Disclosure Statement. The \$130.00 fee set forth in 37 CFR § 1.17(i) is:

- ☐ enclosed.
- ☐ to be charged to Deposit Account No. 19-3935.

5. ☐ Statement under § 1.97(e) *(applicable if Item 3a or Item 4 is checked)*

*(Check either Item 5a or 5b)*

- 5a. ☐ In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. (Federal Register, Vol. 62, No. 197, page 53190, October 1997.)
- 5b. ☐ In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. (Federal Register, Vol. 62, No. 197, page 53190, October 1997.)

6. ☐ This is a continuation/divisional/continuation-in-part application under 37 CFR § 1.53(b).

*(Check appropriate Items 6a and/or 6b)*

- 6a. ☐ Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, of which this application claims priority under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).
- 6b. ☐ Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_, of which this application claims priority under 35 U.S.C. § 120, are provided herewith.

7. ☐ This is a continuation/divisional application under 37 CFR § 1.53(d).

*(Check either Item 7a or 7b)*

- 7a. ☐ The Issue Fee has not been paid.

- 7b. ☐ A Petition to Withdraw from issue under 37 CFR §1.313(b)(5) is filed concurrently herewith or has been granted. A continuation application under 37 CFR §1.53(d) after payment of the Issue Fee is proper in accordance with 37 CFR §1.53(d)(1)(ii).

8. ☐ This is a Supplemental Information Disclosure Statement.

*(Check either Item 8a or 8b)*

- 8a. ☐ This Supplemental Information Disclosure Statement under 37 CFR §1.97(f) supplements the Information Disclosure Statement filed on \_\_\_\_\_. A bona fide attempt was made to comply with 37 CFR §1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on \_\_\_\_\_.

- 8b. ☐ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §1.97(i), mailed \_\_\_\_\_. (MPEP 609, Form ¶ 6.51, July 1997.)

9. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

*(Check appropriate Items 9a, 9b, 9c and/or 9d)*

- 9a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)

- 9b. ☐ set forth in the application.

- 9c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.

- 9d. ☐ enclosed as Attachment 1(e), hereto.

10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 19-3935.

Respectfully submitted,


STAAS & HALSEY

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**ATTACHMENT 1(e)**

 <b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	<b>ATTORNEY DOCKET NO.</b> 614.1889	<b>APPLICATION NO.</b> 09/046,677
	<b>FIRST NAMED INVENTOR</b> Kimikazu FURUKAWA et al.	
	<b>FILING DATE</b> March 24, 1998	<b>GROUP ART UNIT</b> 2742

Japanese Laid-Open Patent Application No. 57-68965 (Reference AE) discloses an information service system which receives a message from a subscriber and provides information service for the subscriber in response to the message. The system allows a subscriber having a push-button phone to obtain information service from the system by voice and by a push-button operation. The system allows a subscriber having a dial phone to obtain the information service from the system by voice.

Japanese Laid-Open Patent Application No. 57-127221 (Reference AF) discloses an automatic power switch on/off apparatus including a power switch on/off unit for a computer system, a timer, a memory for storing power switching schedule data, an automatic power switch on/off controller. A power supply is switched on/off in accordance with the schedule data stored in the memory. The apparatus further includes a voice memory for storing coded voice data, a voice adapter, and a line adapter.

Japanese Laid-Open Patent Application No. 4-061543 (Reference AG) discloses a videophone system in which a telephone directory is displayed on a TV monitor when an off-hook state of a hook switch is detected in the absence of a call.

Japanese Laid-Open Patent Application No. 5-056190 (Reference AH) discloses an integrated system in which a telephone and a television are connected by a signal line. When the television is ON, an incoming-call notification is displayed on a TV monitor upon incoming of a call, and the telephone is inhibited from ringing. The display of the notification is canceled when the incoming of the call ends or when the telephone goes off-hook. When the television is OFF, the telephone is allowed to ring upon incoming of a call.

Japanese Laid-Open Patent Application No. 5-075823 (Reference AI) discloses a facsimile system including a CPU and an external telephone connected thereto. Upon incoming of a call from the telephone, an off-hook state of the telephone and a phone number of a dial signal are detected, and the phone number is stored by the CPU. A receiver name related to the phone number is received as a response from a receiving facsimile, and the receiver name is stored by the CPU. A telephone directory is prepared by the CPU using the phone number and the receiver name.

Japanese Laid-Open Patent Application No. 8-030352 (Reference AJ) discloses a data processing device including a CPU, and a digital signal processor DSP connected with a display monitor, a voice input unit and an image input unit. Voice data input by the voice input unit is recognized by a voice recognition function of the DSP. Image data input by the image input unit is recognized by an image recognition function of the DSP.

Japanese Laid-Open Patent Application No. 8-237299 (Reference AK) discloses a communication system in which mail boxes are connected through a media conversion unit to a personal computer, a facsimile and a telephone. The mail boxes are used for communication between communication systems by computers, by facsimiles and by telephones.

Japanese Laid-Open Patent Application No. 9-116940 (Reference AL) discloses an integrated system in which a computer and a telephone are connected to each other. A voice signal is sent from a telephone user of a remote place to the system via a telephone network, and the content of the voice signal is recognized by a voice recognition unit connected to the computer. The computer sends a message related to a state of an answering machine to the telephone user in reply to the voice signal.